

Title (en)  
BATTERY MODULE FOR ELECTRIC VEHICLE

Title (de)  
BATTERIEMODUL FÜR ELEKTROFAHRZEUG

Title (fr)  
MODULE DE BATTERIE POUR VÉHICULE ÉLECTRIQUE

Publication  
**EP 4170811 A1 20230426 (EN)**

Application  
**EP 21214107 A 20211213**

Priority  
KR 20210142634 A 20211025

Abstract (en)  
According to an embodiment of the disclosure, a battery module for an electric vehicle comprises a module case, a plurality of battery cells installed in the module case, a plurality of sensing busbars installed on one side surface of the module case and electrically connecting the plurality of battery cells, and a plurality of power busbars electrically connected with a first end and a second end, respectively, of the plurality of sensing busbars.

IPC 8 full level  
**H01M 50/507** (2021.01); **H01M 50/526** (2021.01); **H01M 50/54** (2021.01)

CPC (source: EP US)  
**H01M 10/482** (2013.01 - US); **H01M 50/204** (2021.01 - US); **H01M 50/249** (2021.01 - US); **H01M 50/271** (2021.01 - US);  
**H01M 50/507** (2021.01 - EP US); **H01M 50/522** (2021.01 - US); **H01M 50/524** (2021.01 - EP); **H01M 50/526** (2021.01 - EP US);  
**H01M 50/54** (2021.01 - EP); **H01M 2220/20** (2013.01 - US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)  
• [XY] US 2018138484 A1 20180517 - CHOI YONG-JOON [KR], et al  
• [XY] US 2021091350 A1 20210325 - YOON DOO HAN [KR], et al  
• [XY] US 2018229621 A1 20180816 - ROH TAE-HWAN [KR], et al  
• [Y] KR 20160053282 A 20160513 - NUINTEK CO LTD [KR]  
• [Y] WO 2013051012 A2 20130411 - TATA MOTORS LTD [IN], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4170811 A1 20230426**; JP 2023064022 A 20230510; JP 7320298 B2 20230803; KR 102434712 B1 20220822; US 2023130146 A1 20230427

DOCDB simple family (application)  
**EP 21214107 A 20211213**; JP 2021206299 A 20211220; KR 20210142634 A 20211025; US 202117550279 A 20211214